REMARKS

The specification has been amended to correct errors of a typographical and grammatical nature. Due to the number of corrections thereto, applicants submit herewith a Substitute Specification, along with a marked-up copy of the original specification for the Examiner's convenience. The substitute specification includes the changes as shown in the marked-up copy and includes no new matter. Therefore, entry of the Substitute Specification is respectfully requested.

The abstract has also been amended to more clearly describe the features of the present invention.

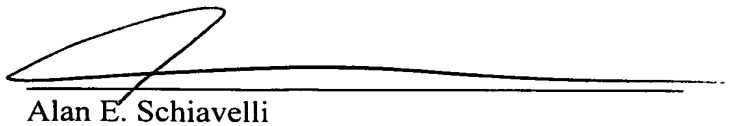
Also submitted herewith are proposed drawing corrections to Figs. 9 and 10. It is respectfully requested that these amendments be entered. Upon entry of these amendments, formal drawings will be submitted.

Entry of the preliminary amendments and examination of the application is respectfully requested.

To the extent necessary, applicant's petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (Case: 503.40884X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



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ABSTRACT OF THE DISCLOSURE

To ~~realize spraying~~ produce a fuel spray that is asymmetrical in the flow rate distribution of a sprayed fuel in order to improve the homogeneity of air-fuel mixture density during the air intake stroke injection for homogeneous combustion in an in-cylinder injection engine~~. By providing,~~ the exit portion of the fuel injection hole is provided with the wall surfaces 204a, 204b, 205a, and 205b that are parallel to the central axis of the injection hole~~;~~ ~~further providing.~~ Also, the periphery of the injection hole is provided with ~~an~~ a plurality of areas in which the flow of the fuel in the radial direction of the injection hole will be restrained, and an plurality of areas in which the flow of the fuel in the radial direction of the injection hole will not be restrained, and ~~assigning~~ a different size is assigned to each non-restraint area.

~~Selected Figure: FIG. 3~~